2021 CERTIFICATION

MSDH-WATER SUPPLY

Consumer Confidence Report (CCR)

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COLUMBUS LIGHT IND WATER
PRINT Public Water System Name

0440003

Jackson, MS 39215

List PWS ID #s for all Community Water Systems included in this CCR

CCR DISTRIBUTION (Check all boxes that apply)	
INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
□ Advertisement in local paper (Attach copy of advertisement)	
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DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other)	DATE ISSUED
☑ Distributed via U.S. Postal Service	26 may 2022
□ Distributed via E-mail as a URL (Provide direct URL):	
□ Distributed via Email as an attachment	
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CERTIFICATION I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its cut the appropriate distribution method(s) based on population served. Furthermore, I certify that the informatic correct and consistent with the water quality monitoring data for sampling performed and fulfills all CC of Federal Regulations (CFR) Title 40, Part 141.151 – 155.	ation contained in the report
Name Listo OPERATUR Title	<u> 多 </u>
SUBMISSION OPTIONS (Select one method ONLY)	
You must email or mail a copy of the CCR, Certification, and associated proof of the MSDH, Bureau of Public Water Supply.	delivery method(s) to
Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Email: water.reports@msdh.i	ms.gov



Data Table & Test Results

Calendar Year 2021

WHERE DO WE GET OUR WATER?

Our underground water is pumped from eight wells drawing from the massive sand of the lower Tuscaloosa Aquifer.

SOURCE WATER PROTECTION

The source water assessment has been completed for our public water system to identify potential sources of contamination and determine the overall susceptibility of the drinking water supply. Susceptibility assessment has been completed and all wells have ranked moderate by the MDEQ for vulnerability to contamination.

CONTACT US

As a valued customer, we want you to be informed about your water utility. If you have any questions, please contact Customer Service with Columbus Light & Water at 662-328-7192, Monday through Friday from 8:00 a.m. to 4:30 p.m.

WATER QUALITY

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or manmade. These substances can be microbes, inorganic or organic chemical and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

TESTING

The Columbus Light & Water Department routinely monitors for constituents in your drinking water according to Federal and Mississippi state laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2021. In cases where monitoring wasn't required in 2021, the table reflects the most recent results. As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and state requirements. We have learned through our monitoring and testing that some constituents have been detected, however the EPA has determined that your water is safe at these levels.

ADDITIONAL INFORMATION FOR LEAD

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Columbus Light & Water is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/ lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

ADDITIONAL INFORMATION FOR FLUORIDATION

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", MSO 440003, Columbus Light & Water is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 90%.

EXPLANATION OF REASONS FOR MONITORING UNREGULATED CONTAMINANTS

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminants monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

SPECIAL POPULATIONS

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate ways to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline: 1-800-426-4791.

At Columbus Light & Water, we work around the clock to provide top quality water to every tap. Please call our office if you have any questions. We ask that all our customers help us protect our water sources which are the heart of our community, our way of life and our children's future.



CONTAMINATE	VIOLATION Y/N	DATE COLLECTED	LEVEL DETECTED	RANGE	MCL	LIKELY SOURCE OF CONTAMINATION
			2.0 RAA	DISINFECTION BYPI	RODUCTS	
Chlorine	N	2021	2.20 max. mg/L 1.70 min, mg/L		4.0 mg/L	Water additive used to control microbes
Total Haloacetic Acids (HAA5)	N	2021	2.41 ppb		60 ppb	Byproduct of drinking water disinfection
				INORGANIC CHE	CONTRACTOR DESCRIPTION OF THE PARTY OF THE P	Discharge from petroluem refineries; fire retardants; ceramics;
Antimony	N	2019	<0.0005 ppm		0.006 ppm	electronics; solders Erosion of natural deposits: runoff from orchards; runoff from
Arsenic	N	2019	<0.0005 ppm		0.010 ppm	glass & electronics production wastes
8arium	N	2019	0.0008 ppm* 0.0132 ppm**		2 ppm	Discharge of drilling wastes: discharge from metal refineries; erosion of natural deposits
Beryllium	N	2019	<0.0005 ppm		0.004 ppm	Discharge from metal refineries & coal-burning factories; discharge from electrical, aerospace, & defense industries
Cadium	N	2019	<0.0005 ppm		0.005 ppm	Corrosion of galvanized pipes; erosion of natural deposits;
Chromium	N	2019	<0.0005 ppm*		0.1 ppm	discharge from metal refineries; runoffs from waste batteries and Discharge from steel and pulp mills; erosion of natural deposits
Cyanide	N	2019	<0.0005 ppm** <0.015 ppm		0.2 ppm	Discharge from steel/metal, plastic & fertilizer factories
		and the second second	0.778 ppm*			Water additive which promote strong teeth; erosion of natural
Fluoride	N	2019	0.698 ppm**		4 ppm	deposits, discharge from fertilizer & aluminum factories
Lead	N	2021	1 ppm		15 ppm	Corrosion of household plumbing systems, erosion of natural deposits Erosion of natural deposits, discharge from refineries and
Mercury	N	2019	<0.0005 ppm		0.002 ppm	factories; runoff from landfills and croplands
Nitrate	N	2021	<0.08 ppm */**		10 ppm	Runoff from fertilizer use; leaching from septic tanks/sewage; erosion from natural deposits
Nitrite	N	2021	<0.02 ppm */**		1 ppm	Runoff from fertilizer use; leaching from septic tanks/sewage; erosion from natural deposits
Nitrate + Nitrite	N.	2021	<0.1 ppm */**		10 ppm	Runoff from fertilizer use; leaching from septic tanks/sewage; erosion from natural deposits
Selenium	N	2019	<0.0005 ppm		0.05 ppm	Discharge from petroleum refineries; erosion of natural deposits; discharge from mines
Sodium	N	2019	3200 ppb		none	Naturally occuring runoff, erosion from natural deposits
Thallium	N	2019	<0.0005 ppm		0.002 ppm	Leaching from ore processing sites; discharge from electronics, glass & drug factories
	101.58.00			ORGANIC CHEM		
Benzene Carbon Tetrachloride	N N	2018	<0.5 ppb		S ppb 5 ppb	Discharge from factories; leaching from gas storage tanks & landfills Discharge from chemical plants & industrial activities
CIS- 1, 2-Dichloroethylene	N	2018	<0.5 ppb	umana ana ana an	70 ppb	Discharge from meat & fish or pharmaceutical industries
Dichloromethane	N	2018	<0.05 ppb	homestass-lastavevanna uniquimae	5 ppb	
Dichlorobenzene	N	2004	<0.5 ppb		5 ppb	Discharge from industrial chemical factories
O-Dichlarobenzene	N	2018	<0.5 ppb		600 ppb	Discharge from industrial chemical factories
P-Dichloroberizene	N	2018	<0.5 ppb		75 ppb	Discharge from industrial chemical factories
1, 2 - Dichloroethane	N	2018	<0.5 ppb		5 ppb	Discharge from industrial chemical factories
1, 1 - Dichloroethylene	N	2018	<0.5 ppb		7 ppb	Discharge from industrial chemical factories
1, 2 - Dichloropropane	N	2018	<0.5 ppb		5 ppb	Discharge from industrial chemical factories
Ethylbenzene	N	2018	<0.5 ppb		700 ppb	Discharge from petroluem refineries
Monochlorobenzene	N	2015	<0.5 ppb		100 ppb	Discharge from paint, glass & ceramic industries
Tetrachloroethylene	N	2018	<0.5 ppb		5 ppb	Discharge from factories & dry cleaners
Trans- 1, 2 - Dichloroethylene	N	2018	<0.5 ppb	***************************************	100 ppb	Discharge from industrial chemical factories
1, 1, 1 - Inchloroethane	N	2018	<0.5 ppb		200 ppb	Discharge from metal degreasing sites & factories
Trichloroethylene	N	2018	<0.5 ppb		5 ppb	Discharge from metal degreasing sites & factories
1, 1, 2 - Trichloroethane	N	2018	<0.5 ppb		5 ppb	Discharge from industrial chemical factories
1, 2, 4 - Trichlorobenzene	N	2015	<0.5 ppb		70 ppb	Discharge from textile finishing factories
Toluene	N	2018	<0.5 ppb		1000 ppb	Discharge from petroluem factories
Styrene	N	2018	<0.5 ppb		100 ppb	Discharge from rubber & plastic factories; leaching from landfills
Vinyl Chloride	N N	2018	<0.5 ppb		2 ppb 10000 ppb	Leaching from PVC pipes; discharge from plastic factories Discharge from petroluem & chemical factories
Xylenes	N	2018	<0.5 ppb	RADIOACTIVE CONT		Discharge from periode and themean accounts
CONTRACTOR OF THE PARTY OF THE	N	2019	2,32 pCi	MANUAL TIVE CONT	5 pCi/L	Erosion from natural deposits
Combined Radium		8419	and the second s	INREGULATED CONT	UNION CONTRACTOR OF THE PARTY O	Coston normal deposits
HAA5	N	2019	0.78 ppb	0.31 - 0.78 ppb	None	Byproduct of drinking water disinfection
HAA66r	N	2019	0.78 ppb	0.51 - 0.76 ppb	None	Byproduct of drinking water disinfection
HAA9	N	2019	1.31 ppb	0.31 - 1.31 ppb	None	Byproduct of drinking water disinfection
Manganese	N	2019	0.57 ppb	0.42 - 0.57 ppb	None	Naturally occurring element



Water Functions: The Power of People



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Bringing You: Safe and Reliable Power

Columbus Light & Water

Columbus Light & Water

The Power of People* Columbus, MS 39703



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Message From our General Manager



The Power of Prople

CLW Share One Program for assistance with electricity Hands at 662:328-3301

OTHER WAYS LIHEAD/American Roseue Plan (LIHEAD/ARP) for energy asolstance resulting Iron economic harm caused by the COVID-19 Pandomic, contact frainin Opportunity at 662-628-1-699 Weatherization Assistance Program (WAP)

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For water service assistance, contact Prome Opportunity at 62328-1569. Town Income Header and Emery Activities Program (III) (EAP) For electric service assistance, contact Prairie Opportunity at 69 328/1669 fynnwynld libe to contribute to Store Cinc control us af sastonerskywch scolumbushwiston or 667 338 7192

Columbus = Light Water

COODENCINE

NEWS

The Power of People, News for customers of Columbia Light & Wale



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